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ATS-88886R

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1960, pp 173-179.
MLL RPS 2790 (On Loan or Purchase)

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Beats and the Belemnite Series of the Volga
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pp 40-51.
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CSTI TT 67-51315

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CSIRO 3155

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(FDD 28515)

Nikolay Sergeyevich Shatskiy (on His 60th Birthday),
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(FDD 28516)

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Oct 56 CTS

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Special Type:B:Translator's draft plus one

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On the Application of the Concept of Series
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Broadleaved Woods, by V. Porfiriev.

RUSSIAN, per, Byulleten' Moskovskoe Obshchestvo
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OTS 01-11402/1
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VERA ALEKSEYEVNA PODDUBNAYA-ARNOL'DI (CELEBRATION
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YEAR OF HER SCIENTIFIC WORK, BY K. I. MEYER,
12 PP.

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JPRS 20435

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of Flea Species in Aral Area, 13 pp.
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Izdatel'stva Prirody, No 5, Sep-Oct 1964, pp 153-
159.
JPRS 28964

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Sci Tr Center RM 3522

Scientific - Biology

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Jan 36

Method and Technique of Age Determination of the
Squirrel and Analysis of the Age-Group Composi-
tion of Squirrel Populations, by I. D. Kiris.

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F. S. Leont'ev, 20 pp.

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CIA/FDD/X-1736

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Jul 55 CTS

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 tr. by B. Filshush. [1963] [27]p. (foreign text included)
 21 refs. [CSIRO] Trans. no. 5755.
 Order from OTS or SLA \$2.60

63-13605

Trans. of Moskovskoe Obschestvo Ispytatelei
Prirrody. [Byulleten']. Quart. Biologicheskii (USSR)
 1948, v. 33, no. 2, p. 67-79.

DESCRIPTORS: *Plants (Botany), Ecology, Geography,
 Distribution, Morphology, Viability, *Taxonomy,
 *Genetics, Cology, Mathematical analysis,
 Microorganisms.

(Biological Sciences--Botany, TT, v. 10, no. 1)

63-13605

- I. Title: Phytocoenosis
- I. Kats, N. Ya.
- II. CSIRO Trans-5755
- III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

Faculty of Survival in the Soil of 2 Groups of
Phytopathogenic Bacteria, by M. V. Gorlenko,
I. V. Voronkevich

RUSSIAN, per, Byul Mosk Obshch Ispyt Prirody Ota Biol,
Vol LIV, No 2, 1949, pp 41-46. Q60 MB.

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Some Aspects of the Biology of Reproduction of
Certain Species of Antarctic Whalebone Whales,
by V. A. Zaslavsky.

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Otdel Biol, Vol IV, No 2, 1950, pp 1-10.

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(FDD 19861)

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CSHO 3446

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Growing Mass Cultures of Prokaryotic Algae With Neon
Lamps Submerged in the Culture, by N. S. Gayevskaya

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Vol IX, No 2, 1955. CIA D 440203

USDA

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Genetic Methods of Controlling Heterosis- ~~on~~ Basis
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Animals, by N. P. Dubinin

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Vol LX, No 2, 1955, CIA D 440204
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RT-3911
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Studies of Transpiration and Hydration
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by V. Dedykin, E. Torgovkina.

RUSSIAN, per, Byull. Mosk Obshch. Est.
Prir. Otdel Biol., Vol IX, No 5, 1955, pp 113-119.
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Apr 62

(FDD 28424)

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RUSSIAN, biblio per, Russk. Akad. Nauk. Izv. Akad. Nauk. SSSR, Ser. Biol., Vol. LXI, No 2, Moscow, Mar/Apr 1956, pp 93-99.

CIA/ID U-8944

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the Banner of Michurin's Testament, by H. Bogdanov,
22 pp.

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Discovery of Skin-Biting Nites in some Human
Skin Bites, (Dermatophagoides schoremetweskyi,
Hodgakov, 1964), by V. Dubinin, et al.

RUSSIAN, par, Byull. Mosk Obshch Ispyt Prir
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CSIRO Tr 5411

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Rich Encephalitis as a Result of Timber Cutting,
by S. A. Shilova, D. G. Krylov, 10 pp.

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Biology, Vol XXII, No 6, 1957, pp 25-29.

MMH 8-43

Sci - Med
Sep 59

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62-13480

Astaurov, B. L.
 DIFFERENTIAL EFFECT OF RADIATION INJURIES
 TO THE NUCLEUS AND CYTOPLASM AS A RESULT
 OF THEIR FUNCTIONAL SPECIFICITY (Differen-
 tsial'nyi Effekt Radiatsionnykh Povrezhdenii Yadra i
 Tsitoplazmy kak sledstvie ikh Funktsional'noi Spetsi-
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 Order from ODS or SLA \$4.60 62-13480

I. Astaurov, B. L.
 II. Trans-A-1293

Trans. gosizskovskoe Oshchetchye Ispitatelei Prirody.
 Byulleten' Otdel Biologicheskii (USSR) 1958 [v. 33](63)
 no. 1, p. 35-50.

DESCRIPTORS: *Radiation injuries, *Cells (Biology),
 *Nuclei, Mutations, Biosynthesis, Histology
 *Chromosomes

A monistic outlook is developed on the causes of di-
 verse manifestations of the biological effect of radia-
 (Biological Sciences - Radiobiology, TT, v. 7, no. 12)
 (over)

Office of Technical Services

Differential Effects of Radiation Injury Upon the
Nucleus and the Cytoplasm as a Result of Their
Functional Specificity, by B. I. Astaurov,

RUSSIAN, per, Evul Mosk (Moscow) Izvestiya Prirody
Otdel Biol., Vol. LXXXI, No 1, 1958, pp 35-50.

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Sci - Med
14 Aug 61

The Significance of the Study of Chromosomal
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by N. N. Vorontsov.
RUSSIAN, per. Sovetskoye Nauchnoye Obshchestvo
Leningradskiy Prirodnyy Otdel Biologii, Vol 63, No 2,
1958, pp 5-36.
SFCSTI 65-3017

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Aug 65

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Waters of the Central Urala Territory, by A. G.
Chichanov, 2 pp.

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Prirody, No 1, Moscow, 1959, pp 151, 152. Call No QEL,
B39.

AME

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Geo
Oct 59

S-176/40

(NY-3723).

A Method of Tagging Insects by Giving Them
Radioactive Isotopes With Food, by G. D.
Khudakov, 20 pp.

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Prirody. Obshch. Biol, Vol LXIV, No 3, 1979,
pp 35-45.

JPRS 2453

Sci - Biol
Apr 60

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TT-63-24128

Sokolov, V. B.
 THE STRUCTURE OF THE CUTANEOUS INTEGUMENT
 OF PINNIPEDIA tr. by C. Kiriloff. Oct 62 [23p]
 24refs [CSIRO Trans] 6526.
 Order from OTS, SLA or ETC \$2.60 TT-63-24128

Trans. of [Moskovskoe Obshchestvo Ispytatelei
 Prirody, Byulleten', Otdel Biologicheskii]
 (USSR) 19:9, v. [34] (54) no. 6, p. 5-21.
 (Abstract available)

DESCRIPTORS: *Senls (Zoology), *Skin, Evolution,
 Taxonomy, Hair, Aquatic animals.

The investigations dealing with the cutaneous integument in the pinnipedia published earlier are superficial and incomplete (except the works belonging to Bergersen). The present paper is devoted to the description of the derma of various species of pinnipedia. Skin was studied in five specimens of Callorhinus ursinus L. (Biological Sciences--Zoology, TT, v. 11, no. 5)(over)

- I. Sokolov, V. B.
- II. CSIRO Trans-6526
- III. Commonwealth Scientific and Industrial Research Organization (Australia)
- IV. Canberra U. Coll. (Australia)

Office of Technical Services

(DC-4776)

Lev Aleksandrovich Zankovich, by Ya. A. Birshteyn,
13 pp.

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JPRS 6601

USSR

Biol.

Feb 61

138, 631

(DC-4776)

Andrey Vasil'yevich Blagoveshchenskiy, by
Ye. V. Kolobova, M. A. Kudryashova, 8 pp.

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No 6, 1959, pp 151-158.

JPRS 6601

USSR

Biog

Jan 61

138, 632

(DC 4958)

Boris Stepanovich Matveyev, by A. G. Bannikov,
5 pp.

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Zhizni, Vol. XIV, No 1, Jan/Feb 1980, pp 147-150.

JPRS 6793

USSR

Biog

Feb 61

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63-19606

Porfiriev, V. S.

ON THE APPLICATION OF THE CONCEPT SERIES
AND CYCLES BY THE STUDY OF THE CONIFEROUS-
BROADLEAVED WOODS (O Primeneni Poniati Serii
i Tsikla pri izucheni Khvoynno-Shirokolistvennykh
Lesov) tr. by V. A. Solodukhin. (1963) 25p. (foreign
text included) 40 refs. [CSIRO] Trans. no. 5754.
Order from OTS or SIA \$2.60 63-19606

- I. Title: Conifers
- I. Porfiriev, V. S.
- II. CSIRO Trans-5754
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Trans. of Moskovskoe Obshchestvo Ispytatelei
Prirody. Byulleten' Odesk. Biologicheskii Yuzh.
v. 35, no. 3, p. 93-102.

DESCRIPTORS: *Trees, *Plants (Botany), Soils,
Wood, *Ecology, *Forestry.

The paper generalizes the experience of applying the
«series» and «cycle» concept to the study of mixed
woods in the Eastern area of the USSR; the author's
material is concerned with his original examination and
(Biological Sciences--Botany, TT, v. 10, no. 12)

Office of Technical Services

(over)

62-24797

Ananova, E. N.
ON THE REDEPOSITED COMPLEX OF POLLEN.

13 Apr 62 [14] p. 15 refs.

Order from OTS or SLA \$1.60

62-24797

I. Ananova, E. N.
II. Geological Survey of
Canada

Trans. of Moskovskoe Obshchestvo Ispytatelei Prirody.
Byulleten'. Otdel Biologicheskii (USSR) 1960 [v. 35] (65),
no. 3, p. 132-133.

DESCRIPTORS: *Pollen, *Geological survey, Errors,
Plants, Taxonomy, *Paleoecology.

(Earth Sciences--Geology, TT, v. 9, no. 11)

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(NY-6503)

Determination of the Effect of Radiation
Upon Human Heredity by Studying Chro-
mosomic Disease, by V. P. Efroimsen,
7 pp.

RUSSIAN, per, Byul' Moskov Obshchestva
Izdatel'stvo Prirody, Otdel Biolog,
No 3, May/Jun 1960, p 150.

JPRS 11901

Sci - Med

179,073

Some Features of Weasel (*Mustela Nivalis* L.)
Ecology Based on Observations in the Moscow
Region, by M. A. Rubina.
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1960, Vol 65, No 4, pp 27-33.
ZIL RTS 2292 (On Loan or Purchase)

Aug 65

288,843

DISTRIBUTION OF THE SMALL SUSLIK IN THE
NORTHEAST ARAL AREA, BY G. N. GORNOSTAYEV,
V. S. LOBACHEV, 3 PP.

RUSSIAN, PER, BYULLETEN' MOSKOVAKOGO OBSHCHESTVA
ISPYTATELEY PRIRODY, OTDELENIYE BIOLOGII,
VOL LXV, NO 5, SEP-OCT 1960, PP 101-102,

JPRS 157688

SCI-BIOLOGY
OCT 62

215,040

Activities of the Aral Department MOIP, by S. N.
Barshavskiy, E. V. Rothshil'd.

By
RUSSIAN, per *By* ~~Moskovskoe Obshchestvo Ispytateli~~
~~Prirody~~ ~~Prir.~~ ~~Prir.~~ Otdel Biologicheskii, No 5, 1960,
pp 125-127.

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Sci - Biology
Jan 61

S-626/62

~~ARK~~ Various Ecological Groups of Desert Vegetation
in the Nutrition of Greater Gerbils, by Ye. V.
Rotshild. 1(DC-8083)

RUSSIAN, per, Byul Moskov Obshch Ispytat Prirody,
Otdel Biol, Vol LXV, No 5, Sep/Oct 1960, pp 137.

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Sci - Biol

12 Sep 62

PLAGUE ENOOTIC CHARACTERISTICS IN THE NORTHERN
USTYURT AND ADJOINING AREAS, BY M. N. SHILOV,
4PP.

RUSSIAN, PER, BYULLETEN' MOSKOVSKOGO OBSHCHESIVA ~~XXXX~~
~~ISPYTATELEY XXXXXX~~ PRIRODY, OTDELENIE BIOLOGII,
VOL LXV, NO 5, SEP-OCT 1960, PP 137-138.

JPRS 15768

SCI-BIOLOGY
OCT 62

215,042

EFFECTS OF THE BURROWING OF SUSLIKE ON DESERT
VEGETATION, BY S. N. VARSHAVSKIY, YE. V.
ROTSHIL'D, 3 PP.

RUSSIAN, PER, BYULLETEN' MOSKOVSKOGO OBSHCHESTVA
ISPYTATELEY PRORODY, OTDELENIYE BIOLOGII, VOL XXV,
NO 5, SEP-OCT 1960, PP 138-139.

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S-626/62

Certain Information on the Fauna of Trombiculid Mites
in the Northern Aral Region, by M. G. Komardina.
(DC-8083)

RUSSIAN, per, Byul Moskov Obshch Ispytat Prirody,
Ctdel Biol, Vol LXV, No 5, Sep/Oct 1960, p 139.

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Sci - Biol

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DISTRIBUTION OF CERTAIN PREDATORY MAMMALS'
BURROWS AND THEIR CONNECTION WITH LARGE
GERBIL SETTLEMENTS, BY YE. S. SHILOVA, 3 PP

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VOL LXV, NO 5, 1960, PP 139-140.

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SCI-BIOLOGY
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Concerning the Nocturnal Activity of Large Gerbils,
by S. N. Marin, Ye. V. Rothshil'd, (DC-8083)

RUSSIAN, per, Byul Moskov Obshch Ispytat Prirody,
Otdel Biol, Vol LXV, No 5, Sep/Oct 1960, p 140.

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(DC-5996)

An Analysis of Some Basic Mechanisms of
Immunity, Radiation Sickness and Carcinogenesis
From the Point of View of Modern Genetics,
by V. P. Efremson, 30 pp.

RUSSIAN, per, Byul Mosk Obshch Ispytateley
Prirody: Otdel Biolog, Vol LXV, No 6, 1960,
pp 109-116.

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167,778

JPRS 8778

X Sci - Med
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Intraspecific Interrelationships in
Frees During the Early Periods of
Growth, by V. G. Nikolaevskii, 9 p.
RUSSIAN, per, Bulleten Moskovskogo
Obshchestva Ispytateli Prirody, Otel
Biol. Vol LXVI, No 1, 1961, pp 80-88.
*CIBIT T1 66-51084

Sci-Agri
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PERIODICITY OF HUMPBACK WHALE FEEDING IN THE
SOUTH ATLANTIC OCEAN, BY M. V. IVASHIN, 8 PP.

RUSSIAN, PER, BYULLETEN' MOSKOV OBSHCH ISPYTATELEY
PRIRODY, VOL LXVI, NO 6, 1961, PP 110-115.

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SCI - BIOL-MED SCI

APR 63

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(SF-1378)

Ivan Ivanovich Puzanov, by T. Gol'd, A. Chernyshenko,
4 pp.

RUSSIAN, per, Byul Mosk Obshch Ispytateley Prirody -
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TT-63-24458

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 THE EFFECT OF Sr^{90} - Y^{90} ON DEVELOPING ROE
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 FASEB Manuscript no.: S 117-3
 Order from OTS, SLA, or ETC \$1.10 TT-63-24458

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 no. 3, p. 153-154. (Abstract available)

DESCRIPTORS: *Planes, *Radiation effects, Embryos,
 *Genetics, *Anomalies, Scorpaenidae, Radiobiology,
 Marine biology.

Various concentrations of Sr^{90} - Y^{90} caused death or
 delayed hatching of the roe of Black Sea anchovy,
Engraulis encrasicolus L. and the rock bass Serranus
scriba L. Various anomalies were present in the young
 from the eggs that did hatch. Distortion of the vertebra
 (Biological Sciences--Radiobiology, TT, v. 11, no. 5)
 (over)

- I. Title: Engraulidae
- I. Polikarpov, G. G.
- II. Ivanov, V. N.
- III. FASEB-S-117-3
- IV. Federation of American
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v. [37]67, no. 3, p. 156-157. (Abstract available)

DESCRIPTORS: *Fishes, *Uranium, *Fertility,
Growth, Toxics, Toxicity.

The experiment showed that a uranium concentration of
50 mg/l is definitely toxic to fishes. All the guppies in
this solution died by the 84th day. There were frequent
stillbirths in the fishes kept in uranyl nitrate solutions.
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TT-63-24461

- I. Title: Pesticides
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JPRS 20600

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JPRS 20000

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TT-63-23182

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ON THE MUTATION THEORY OF AGING (O
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14 refs. Trans. A-1398.
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v. [38]68, no. 2, p. 126-129.

DESCRIPTORS: *Mutations, Genetics, Theory,
*Aging (Physiology), *Radiation effects,

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